PASIAVSKIY, L.D., and YE. YE. SHIMAKOVSKAYA

Arteriografiia pri otmorozhenii u cheloveka. (Khirurgiia, 1945, no. 2, p. 30-33, 4 illus. on plate). Title tr.: krteriography in frostbite of man.

Contains an account of the blood vessels based on X-ray arteriograms of the normal' hand and foct, of such with second and third degree frostbite, and these with fourth degree frostbite.

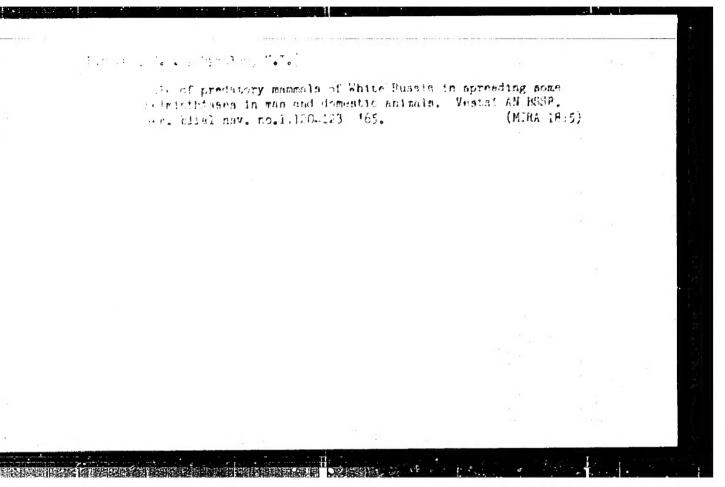
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SHIMALOV, V.T.

Unusual localisation of the nematode Molineus patens Petrov, 1928 in the pancreas of the weasel (Mustela nivalis L.). Vestsi AN BSSR. Ser. biial. nav. no.4:135 162. (MIRA 17:8)

SHIMALOV, V.T.

Skrjabingylus invasion in fur-bearing mammals of the family Mustelidae in White Russia. Vestel AN BSSR, Ser. biial. nav. no.4:132-133 63. (MIRA 17:8)



Strader, [Shymalat, V.K.]

Study of trematode fauna of predatory mammals of White Russia.

Vestsi AN ESSR Ser. biial. nav. no.3:135-137 164

(MIRA 18:1)

SHIMALOV, V.T.

Cestodes of predatory mammals of White Russia. Dokl. AN BSSR 7 no.9:638-641 S '63. (MIRA 17:1)

1. Otdel zoologii i parazitologii AN BSSR. Predstavleno akademikom AN BSSR R.S. Chebotarevym.

SHIMAN. A. M., Cand Biol Sci -- (diss) "Arteries of the muscles of the postero- femoral group in agr animals." Mos,1958. 16 pp. (Min of Agr USSR. Mos Vet Acad) 140 copies.

(KL, 12-58, 97)

-33-

ALAYEV, B.S.; MAN'KOVSKATA, N.K.; SHIMAN, A.N.; BELIKOVA, L.S., red.;
GOTLIB, E.M., tekhn.red.

[Manufacture of synthetic fatty scids] Proizvodstvo sinteticheskikh zhirnykh kislot. Moskva, Pishchepromizdat, 1960.
122 p. (MIRA 13:7)

(Acids, Fatty)

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the state of the s

VELIZAR'YEVA, N.I.; RAPOPORT, I.B.; MAN'KOVSKAYA, N.K.; BARSEGYAN, I.B.; SHIMAN, A.M.; BABAYEV, V.I.; SUKHOTERIN, I.S.

Industrial experience in the oxidation of paraffins from sulfurbearing crudes. Khim.i tekh.topl.i masel 5 no.7:11-16 Jl 160.

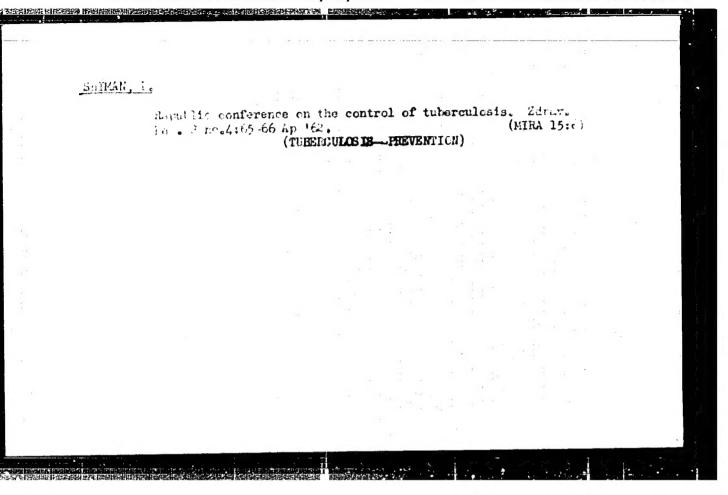
l. Vsesoyuznyy nauchno-issledovatel'skiy institut po pererabotke nefti i gazov i polucheniyu iskusstvennogo shidkogo topliva, NII SZhIMS i Shebekinskiy kombinat sinteticheskikh shirnykh kislot i zhirnykh spirtov.

(Paraffins)

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(Oxication)

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SHIMAN, L.M.

以25年5月4月1日共和国市的产品的通用数据的基础的指示。 1555年5月4日日共和国市的产品的通用数据数据数据数据的指示:1555年3月1日中国市场的基础的

Some elements of the microclimate of trenches. Trudy Bot. sada AN URSR 4:137-147 '57. (MIRA 10:8) (Kiev--Lemon) (Meteorology, Agricultural)

SHIHAN, L.M.

Brief physicogeographical description of the Botanical Garden of the Academy of Sciences of the Ukrainian S.S.R. Trudy Bot. sada AN URSR 5:70-87 '58. (MIRA 12:2)

(Kiev-Botanical Gardens)

BURACHINSKIY, O.M. [Burachyn'skiy, O.M.]; SHIMAN, L.M. [Shyman, L.M.]

Spring "feeding" of woody plants. Visnyk Bot.sada AM URSR no.1; (MIRA 13:8)

(Voody plants) (Plants, Motion of fluids in)

SHIMAN, L.M. [Shynan, L.M.]

Some features of the wind cycles in the Botanical Garden of the Ukrainian Academy of Sciences. Trudy Bot.sada AN URSR 6:

122-129 159.

(Kiev-Botanical gardens) (Winds)

- 1. SHIMAN, V. A.; P. S. SHELEST.
- 2. USSR (600)
- 4. Agriculture
- 7. "Krasnaia Zaria Collective Farm." Dost. sel'khoz, no. 3, 1952

9. Monthly List of Russian Accessions, Library of Congress, January, 1953, Unclassified.

SHIMAN, Ye. I.

Case of diebetes insipidus in a 5-year-old child following pituitary tuberculosis. Ped., akush. i gin. 20 no.4:12-14 '58. (MIRA 13:1)

1. Detskoye otdeleniye (zav. - G.A. Korniyenko) Poltavskoy oblastnoy bol'nitsy (glavnyy vrach V.Kh. Shiray).
(DIABETES) (PITUITARY BODY-TUBERCULOSIS)

TYUDESH, F. [Tudos, F.]; SHIMANDI, L. [Simandi, L.]

Kinetics of inhibition of radical polymerization. Part 6: Effect of p-xyloquinone on the initiated polymerization of atyrene. Vysokom.soed. 4 no.9:1425-1430 S 162. (MIRA 15:11)

TYUDESH, F. [Tudos, F.]; SHIMANDI, L. [Simandi, L.]; AZCRI, M.

Kinetics of inhibition of radical polymerization. Part 7: Effect of halogen-substituted quinones on the initiated polymerization of styrene. Vysokom.soed. 4 no.9:1431-1444 S '62. (MIRA 15:11)

1. TSentral'nyy nauchno-issledovatel'skiy institut khimii Akademii nauk Vengrii, Budapesht. (Styrene) (Polymerization) (Quinone)

07015-67 EWP(j) SOURCE CODE: HU/2502/65/046/002/0137/0149 AT7001012 ACC NR: AUTHOR: Shimandi, L. (Dr.), and Nagy, Ferenc -- Nad', F. (Dr.) ORG: Central Research Institute for Chemistry at the Hungarian Academy of Sciences (Original-language version not given) in Budapest "Homogeneous Catalytic Activators of the H3 Molecule. Part 4: Kinetics and Mechanism of the Homogeneous Hydrogenation of Cinnamic Acid Catalyzed by Pentacyanocobaltate(II)" Budapest, Acta Chimica Academiae Scientiarum Hungaricae, Vol 46, No 2, 5 Dec 1965, pp 137-149. Abstract: [English article; authors' English summary, modified] According to the mechanism proposed for the reaction of homogeneous hydrogenation of cinnamic acid catalyzed by pentacyanocobaltate(II), hydrogenation takes place via two-step hydrogen atom transfer with the intermediate formation of free radicals. The reaction sequence resembles the Rideal mechanism known from heterogeneous catalysis. Orig. art. has: 5 figures, 33 formulas and 4 tables. /JPRS: 33,906/ TOPIC TAGS: hydrogenation, chemical kinetics, free radical, organocobalt compound SUB CODE: 07 / SUBM DATE: 20Mar65 / ORIG REF: 002 / OTH REF: 008 0424 0010 Card 1/1

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07016-67 EWP (j) ACC NR: AT 7001011 HU/2502/65/046/002/0101/0114 SCURCE CODE: AUTHOR: Shimandi, L. (Dr.); and Nagy, Ferenc--Nad', F. (Dr.) ORG: Central Research Institute for Chemistry at the Hungarian Academy of Sciences (Original-language version not given) in Budapest "Homogeneous Catalytic Activators of the H3 Molecule. Part 3: Kinetic and Polarographic Studies on the Reaction of the Pentacyanocobaltate(II) Ion with Molecular Hydrogen" Budapest, Acta Chimica Academiae Scientiarum Hungaricae, Vol 46, No 2, 5 Dec 1965, pp 101-114. Abstract: English article; Part 2 of the series was published Ibid., Vol 38, 1963, p 373) The reaction of pentacyanocobaltates(II) with molecular hydrogen did not change the state of oxidation of the central ion. It led, instead, to the formation of a stabilized hydrogen atom. The apparent rate constants of the hydrogen-uptake reaction were calculated and a reaction mechanism was proposed on the basis of the kinetic and polarographic data pre-Orig. art. has: 6 figures, 36 formulas and 27 tables. [JPRS: 33,906] sented. TOPIC TACS: polorographic analysis, chemical kinetics, organocobalt compound SUB CODE: 07 / SUBM DATE: 16Mar65 / ORIG REF: 001 / OTH REF: 013

POLENSKA, Ye.; URBANCHIK, R.; SHIMANE, Z.; KRAUS, P.

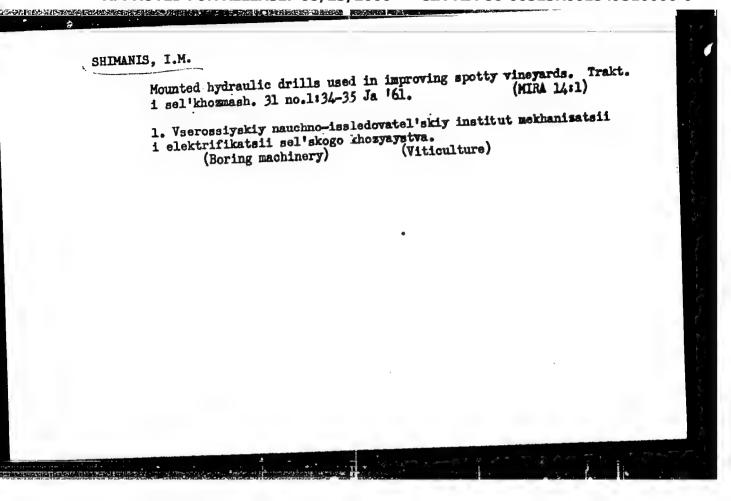
Use of the niacin test for the differential diagnosis of various mycobacteria. Probl. tub. no.2:93-96 62. (MIRA 15:2)

1. Iz Nauchno-issledovateliskogo instituta tuberkuleza (dir. - dotsent R. Krzhivink[R. Krivnik]), Praga.

(MYCOBACTERIUM TUBERCULOSIS) (NICOTINIC ACID)

SHIMANEK, V. [Simanek, V.]

Hydrogeochemical data from some areas of Vienna Basin. Prace ust naft 18:47-48 '61.



SHIMANIUK, Andrey Petrovich; PEREPECHIN, B.M., redaktor; SHITS, V.P., tekhnicheskiy redaktor

[Reforestation in concentrated cut-over pine areas in the European taiga zone of the U.S.S.R.] Vozobnovlenie lesa na kontsentrivovannykh vyrubkakh v sosnovykh lesakh taezhnoi zony evropeiskoi chasti SSSR. Hoskva, Goslesbumizdat, 1956. 88 p.

(Reforestation) (Pine)

USSR/Farm Animals. Cattle.

Abs Jour: Ref Zhur-Biol., No 17, 1958, 78693.

Author : Shiman Markeys

Inst : Kuban Agricultural Institute.

Title : Physiological tandiBiological Features of Black-

Spotted Cattle of the Transvolga Region.

Orig Pub: Tr. Kubansk. s.-kh. in-ta, 1957, vyp. 3(31), 101-121.

Abstract: Fluctuations of body temperature, of pulse rate, quantity of respiratory novements, arterial and venous blood pressure, the blood picture in winter and surmer, wand aspending on the number of calvings, live weight, type of constitution, condition of beefiness, pro-

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USSR/Form Animals. Cattle.

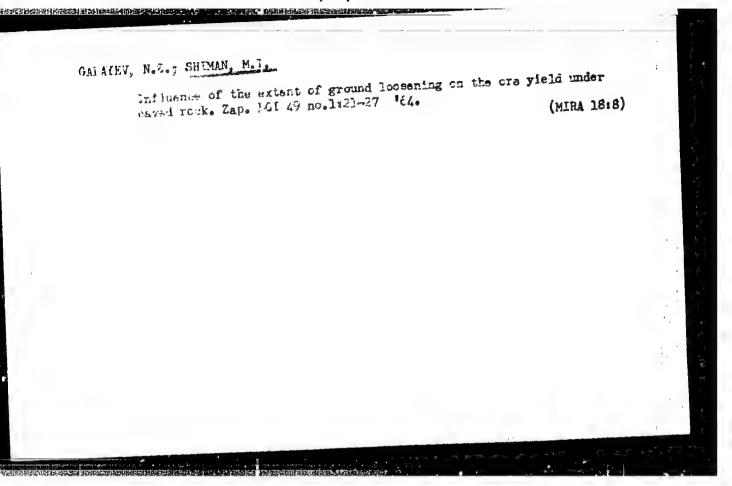
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Abs Jour: Ref Zhur-Diol., No 17, 1958, 78693.

ductivity, sex and age were studied. -- A. D. Musin.

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MARCHENKO, A.A., kand. biol. nauk, otv. red.; SHIMAN, S.A., zam. red.; NEOFITOVA, V.K., kand. biol. nauk, red.; MIKHALEV, Ya.K., kand. sel'khoz. nauk, red.; VOROBEY, P.S., red.; TIMOSHCHUK, R.S., tekhn. red.

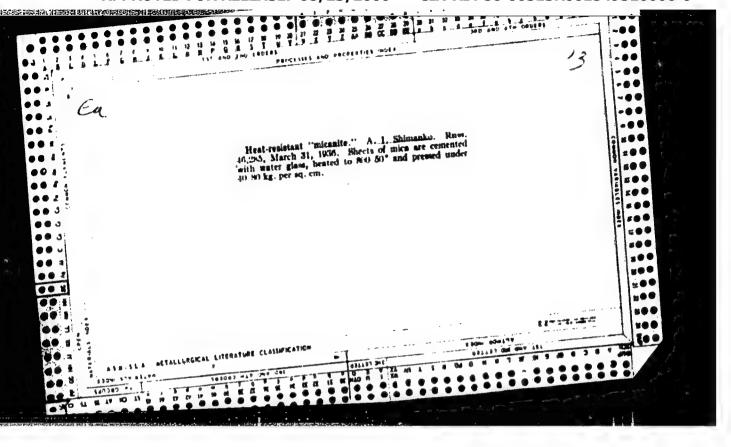
[More production from a hectare] Bol'she produktsii s gektara zemli; sbornik nauchnykh rabot. Minsk, Gos.izdvo sel'khoz.lit-ry, 1963. 138 p. (MIRA 17:1)

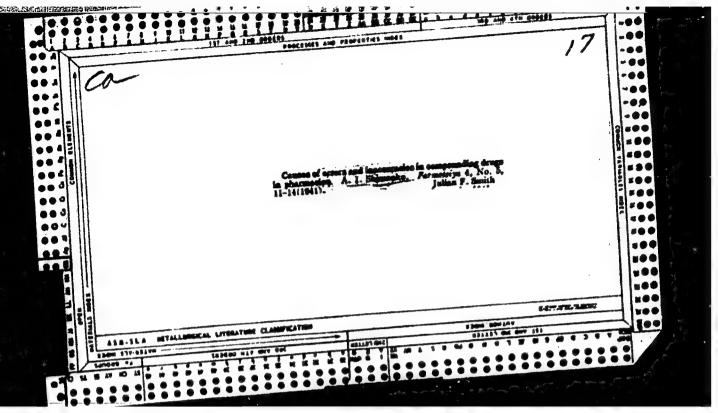
1. Mogilevskaya oblastnaya sel'skokhozyaystvennaya opytnaya stantsiya.

(Nogilev Province-Agriculture)

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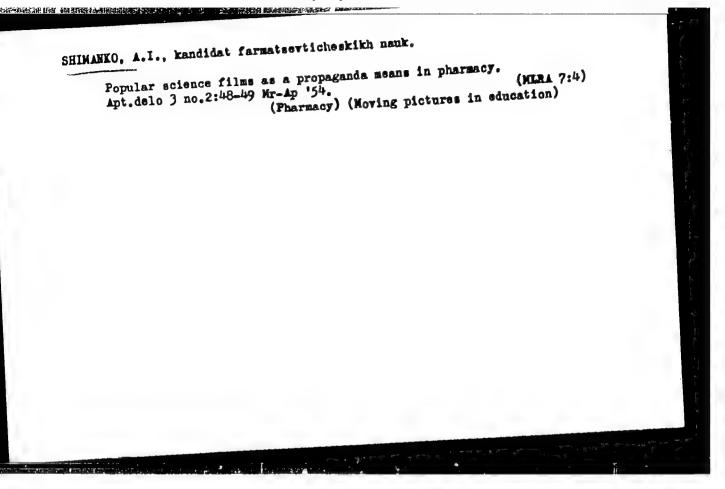


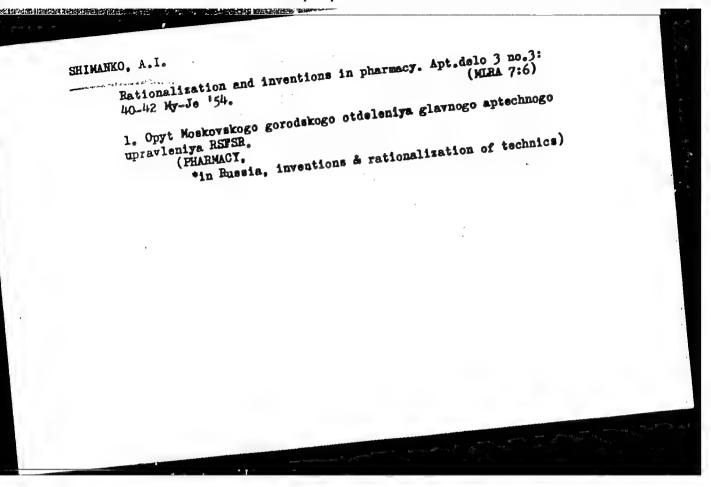
SHIMANKO, A. I.

Phermecy

Innovations and retionalization in pharmacy. Apt. delo no. 3, 1952.

Monthly List of Russian Accessions, Library of Congress, November, 1952. UNICLASSIFIED





SHIMANKO, A.I., kandidat farmatsevticheskikh nauk

Study of prescriptions in Moscow pharmacies. Apt.delo 4 no.2:16-19 Mr-Ap 155. (HLRA 8:5)

1. Iz Nauchno-issledovatel skoy aptechnoy stantsii (NIAS) Moskovskogo gorodskogo otdeleniya Glavnogo aptechnogo upravleniya RSFSR. (PRESCRIPTIONS, in Russia)

SHIMANKO. ... kandidat farmatsevticheskikh nauk; KATS, A.M., provizor

Mechanized process for preparing some drugs. Apt.delo 5 no.3: 46-48 My-Je 156. (MLRA 9:8)

1. Iz Nauchno-issledovatel skoy aptechnoy stantsii (NIAS) Moskovskogo gorodskogo otdeleniya Glavnogo aptechnogo upravleniya RSFSR. (DRUG INDUSTRY)

SHIMANKO, A.I., kandidat farmatsevticheskikh nauk; LOPATIN, P.V., provisor

Using the bactericidal action of ultraviolet rays in pharmacies. Apt.delo 5 no.5:13-20 S-0 '56. (MLRA 9:11)

1. Iz Hauchno-issledovatel skoy aptechnoy stantsii Moskovskogo gorodskogo aptechnogo upravleniya Glavnogo aptekoupravleniya RSFSR (dir. Ye.P.Yarantseva)

(ULTRAVIOLET RAYS-PHYSIOLOGICAL EFFECT)
(PHARMACT)

SHIMARKO, ALEKSANDR IL'ICH

Crganizatsiya Farmatsevticheskogo Dela (Organization of a phermacy, by)A. I. Shimanko i A. K. Mel'nichenko. Moskva, Medgiz, 1957.

293. F. Illus., Diagrs., Tables.

Bibliographical Footnotes.

SHIMANKO, A.I., kand.farmatsevticheskikh nauk

Incorrectly written prescriptions. Apt.delo 6 no.3:37-41 My-Je '57.

(PRESCRIPTION WRITING)

(MIRA 11:1)

SHIMANKO, A.I., kand. farmatsevticheskikh nauk

Phurmaceutical terminology. Apt.delo 8 no.2:44-46 Mr-Ap
(MIRA 12:5)

(PHARMACY--THRMINOLOGY)

SHIMANKO, A.I., kand.farmatsevticheskikh nauk; KATS, A.M., provizor

Mechanization of the process of preparing some medicinal compounds.

Report No.2. Apt.delo 8 no.5:51-53 S-0 159. (MIRA 13:1)

1. Iz Nauchno-issledovatel'skoy aptechnoy stantsii (NIAS) Moskovskogo gorodskogo otdeleniya Glavnogo aptechnogo upravleniya RSFSR.

(TABLETS (MEDICINE))

LOPATIN, P.V.; SHIMANKO, A.I.

Sterilization of distilled water by ultraviolet irradiation in drugstores. Apt.delo 8 no.6:48-50 N-D 159. (MIRA 13:4)

1. Iz Nauchno-issledovatel'skoy aptechnoy stantsii (NIAS) Moskov-skogo gorodskogo aptechnogo upravleniya (dir. Ye.P. Yarantseva).

(WATER, DISTILLED--STERILIZATION)

SHIMANKO, A.I., kand.farmatsevticheskikh nauk For innovation and efficiency in pharmacy. Apt. delo 9 no. 5:52-54. S-0.160. (MIRA 13:10)

(PHARMACY)

54 S-0 160.

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SHIMANKO, Alekeandr Il'ich; MEL'NICHENKO, Afanasiy Kondrat 'yevich;

GUBOCHKINA, I.K., red.; BUL'DIATEV, N.A., tekhn.red.

[Corganization of pharmaceutical service] Organizatsiia
farmatsevticheskogo dela. Isd.2., perer. i dop. Moskva,
Medgis, 1961. 355 p.

(PHARMAGY)

(PHARMAGY)

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therapeutic use of ultraviolet rays Yoskva,	1948. 21 p.	
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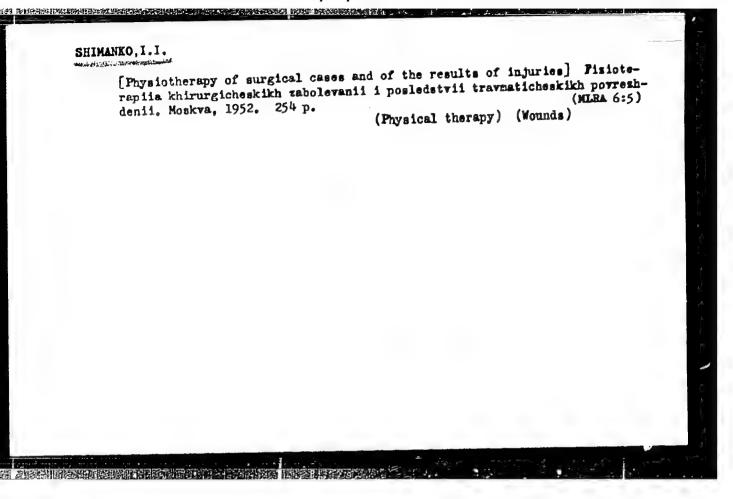
S.EDWING, Prof. I. I.

"Diagnosing Perivisceritis," Sov. Hed., No. 10, 1998; "Review of Sh. D. Moshkavskiy's

"Diagnosing Perivisceritis," Sov. Hed., No. 10, No. 4, 1946; "Review of A. P. Parfenov's

Pook 'Microtics and Iranogens,'" Arking Patol., 10, No. 4, 1946; "Review of A. P. Parfenov's

Book 'Injuring a Person by Ultraviolet Radiation;" Sov. Ned., No. 1, 1949.



SHIMANKO, I.i. Late results of surgery in stomach cancer; district hospital data. Entrurgite 33 no.2:37-39 7 '57. (MERA 10:6) 1. Is legor/yevskoy gorodskoy bol'nitsy (glavnyy vrsch I.D. Finkel'berg). (STOMACH MEOPLASMS, surg. late results (Rus))

SHIMANKO, I.I., TORGOVITSKAYA, A.I.

CALIFORNIA CONTRACTOR OF THE C

Course of experimental fractures following stimulation of the area of the peripheral nerve with a d'Arsonval current. Vop.kur.fisioter. i lech. fis.kul't. 23 no.3:239-241 My-Je '58 (MIRA 11:7)

1. In Instituta skoroy pomoshchi imeni M.V. Sklifosovskogo (dir. M.M. Tarasov).

(Electrotherapeutics)
(Fractures)

SHIMANKO, I.I. (Moskva, I-45, Bol'shoy Sergiyevskiy per., d.5, kv.18)

Late results of using a mechanical vascular suture in the surgical treatment of aneurysms with end-to-end anastomosis. Nov. khir. arkh. no.2:58-63 Mr-Ap 160. (MRA 14:11)

1. Institut skoroy pomoshchi imeni Sklifosovskogo (zav.klinikoy -prof. P.I.Androsov).
(ANEURYSMS) (BLOOD VESSELS-SURGERY) (SUTURES)

OSTROVSKAYA, I.M.; SHIMANKO, I.I.

Cerebral angiography in fresh closed cerebrocranial trauma.

Khirurgiia 36 no.6:80-84 Je '60. (MIRA 13:12)

(BRAIN-WOUNDS AND INJURY)

SHIMANKO, I. I.; OSTROVSKAYA, I. M. (Moskva)

Emergency x-ray diagnosis of intracranial hematomas in closed cerebrocranial injuries. Klin. med. no.9:34-37 161. (MIRA 15:6)

1. Iz III khirurgicheskoy kliniki (zav. - chlen-korrespondent AMN SSSR zasluzhemnyy deyatel' nauki prof. D. A. Arapov) Moskovskogo nauchmo-issledovatel'skogo instituta skoroy pomoshchi imeni N. V. Sklifosovskogo (dir. - zasluzhennyy vrach UkrSSR M. M. Tarasov, glavnyy khirurg - zasluzhennyy deyatel' nauki prof. B. A. Petrov)

(HEMATOMA) (BRAIN_RADIOGRAPHY)
(BRAIN_WOUNDS AND INJURIES)

PRONICHEV, N.I.; SHIMANKO, I.I.

Surgical treatment of traumatic subcutaneous ruptures of the popliteal artery. Vest. khir. 92 no.3:144-146 Mr 164. (MIRA 17:12)

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28827-66 SOURCE CODE: UR/0241/65/010/012/0057/0063 ACC NR: AP6018667 AUTHOR: Shimpinko, I. I. ORG: Surgical Clinic /headed by Corresponding member AMN SSSR, Honored scientist, Professor D. A. Arapov/, Institute of Emergency Care im. Sklifosovskiy (Khirurgicheskaya klinika Instituta skorov pomoshchi) TITLE: Effect of ionizing radiation on the results of auto- and homovenous transplants of arteries SOURCE: Meditsinskaya radiologiya, v. 10, no. 12, 1965, 57-63 TOPIC TAGS: ionizing radiation, radiation biologic effect, dog, radiation sickness, x ray irradiation, tissue transplant, histology ABSTRACT: Laparotomies were performed on irradiated and control dogs, and auto- and homovenous transplants were sutured to the bisected arteries by means of a mechanical vessel-suturing machine. Acute radiation sickness was induced in the animals by subjecting them to the action of x-rays in coses of 500 r. Angiographic and clinical data (animal behavior, temperature of the extremities, and the peripheral pulse rate) served as controls in the postsurgical period. Histological examinations of the autovenous transplants in the control animals revealed rapid arterialization of the transplants, gradual formation of connective tissue with numerous vasa vasorum. Histological examinations of the autotransplants in the irradiated animals disclosed the same modifications as in the control animals. Foci of hemosiderin deposits, however, in the zone of the anastomosis as well as in the external sections of the transplant and artery, were noted. UDC: 616.13-089.844-06:617-001.287-089.168-092.9 1/2 Card

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ACC NR: AP6018667

These formations can be explained as being due to the increased vulnerability of vascular walls of the irradiated animals with the result that hemorrhaging occurs in the source of the surgery, and hemosiderin is precipitated. Histological examinations of homovenous transplants and the arteries in control animals revealed considerable structural modifications of the grafts. Hemorrhagic foci and leucocyte infiltration were found in the zone of anastamosis accompanied by expressed edema of the walls of the transplant and the artery. Occlusion of the grafts occurred in many cases. The structural modifications in the graft indicated the adverse reaction of the recipient organism to heterogeneous tissue. Examinations of the homovenous transplants in the irradiated animals disclosed no obstructions in the grafts, the formation of connective tissue in the zone of anastamosis, and the endothelium of the artery completely covering the transplant. The reduced incompatibility of the recipient organism with the heterogeneous tissue is thought to be the result of whole-body x-ray irradiation.

[PREST]

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SHIMANKO, I.I.; SIMONYAN, K.S., red.; KOKIN, N.M., tekhn. red.

[Physical therapy of surgical diseases and of the sequelae of injuries]Fizioterapiia khirurgicheakikh zabolevanii i posledstvii travmy. Moskva, Medgiz, 1962. 263 p. (MIRA 16:1)

(PHYSICAL THERAPY) (TRAUMATISM) (SURGERY)

SHIMANKO, M.S., inzh.

Construction of the Rasvumchorr railroad tunnel. Transp. stroi. 12
no.2:23-26 F *62.

(Tunnels)

SHIMANKO, N. A.

"Investigation of the absorption spectra of certain polcyclic hydrocarbons in the ultraviolet range of the spectrum." Acad Sci USSR. Inst of Petroleum. Moscow, 1956. (Dissertation for the Degree of Candidate in Chemical Sciences).

SO: Knizhnaya letopis', No. 16, 1956

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SOV/58-59-7-16560

Translation from: Referativnyy Zhurnal Fizika, 1959, Nr 7, p 271 (USSR)

AUTHORS:

Gal'perin, G.D., Kusakov, M.M., Pokrovskaya, Ye.S., Shimanko, N.A.

TITLE:

Study of the Absorption Spectra of Some Cyclohexyl and Cyclopentyl

Derivatives of Benzene in the Near Ultraviolet Region

PERIODICAL:

Tr. In-ta nefti. AS USSR, 1958, Vol 12, pp 38 - 64

ABSTRACT:

The authors studied the absorption spectra of a number of cyclohexyl and cyclopentyl derivatives of benzene and its methylated homologs in a solution of isooctane in the 2,200 to 2,900 Å region. They demonstrated the possibility of determining the position of alycyclic substitutes in the benzene ring. In some cases it is possible to identify isomers of identical structure with cyclohexyl, cyclopentyl, methyl, or both methyl and cyclic substitutes. The advantages of the described method of studying structure, as compared with the chemical method, are its simplicity, the possibility of carrying out measurements in the liquid phase and at room temperature, and the small size of the sample required for analysis

(hundredths of a gram).

Card 1/1

L. Dmitrenko

CIA-RDP86-00513R001549510006-0 "APPROVED FOR RELEASE: 08/23/2000

5(3) AUTHORS: Pokrovskaya, Ye. S., Shimanko, H. A.

SOV/20-123-1-29/56

TITLE:

On the Synthesis of Cyclopentyl- and Cyclohexyl Derivatives of Mesitylene (K voprosu o sintere tsiklopentil- i tsiklo-

geksilzameshchennykh mezitilenov)

PERIODICAL:

Doklady Akademii nauk SSSR, 1958, Vol 123, Nr 1,

pp 109 - 112 (USSR)

ABSTRACT:

The introduction of the cyclopentyl and cyclohexyl group in the aromatic ring is mostly proceeding smoothly and with good yield by the interaction of cyclopentene and cyclohexene with aromatic hydrocarbons in the presence

of anhydrous aluminum chloride (Ref 1). Aluminum

chloride, however, in the case of some alkyl benzenes effects

the isomerization of the initial aromatic hydrocarbon. In order to obtain the cyclopentyl mesitylene without isomerization of the initial product the authors have alkylated the mesitylene with cyclopentene in the presence

of concentrated sulfuric acid. The reaction mixture was cooled down. The compound isolated from it had a

Card 1/3

On the Synthesis of Cyclopentyl- and Cyclohexyl Derivatives SOV/20-123-1-29/56 of Mesitylene

melting point of 100.5 - $101.5^{\circ}(3 \text{ mm})$ and $266-267^{\circ}(755 \text{ mm})$. Regarding its properties the obtained hydrocarbon differs from the trimethyl cyclopentyl benzene with a durol-type structure (obtained without sulfuric acid, Fig 1, I). The same applies to the absorption spectrum (Fig 1, IV). Its spectrum is similar to that of isodurol (Fig 2, I). This means that the isomerization does not occur during the condensation with sulfuric acid and that the hydrocarbon synthesized is a cyclopenty1- mesitylene (1,3,5-trimethyl-4-cyclopentyl benzene). In order to obtain the cyclohexyl mesitylene, mesitylene was alkylated with cyclohexene in the presence of anhydrous aluminum chloride under cooling with ice. The absorption spectrum of the reaction product was similar to that of durol. Even in spite of the ice-cooling the isomerization takes place. Synthesized was the 1,2,4-trimethyl-5cyclohexyl benzene. With sulfuric acid and ice-cooling the 1,3,5-trimethyl-2-cyclohexyl benzene was formed. It differed from the cyclohexyl pseudo-cumol previously described. The melting points of the mentioned compounds

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On the Synthesis of Cyclopentyl- and Cyclohexyl Derivatives SOV/20-123-1-29/56

were determined by the thermographic method of N.I. Lyashkevich. A.P.Bogomolova participated in this study. There are 3 figures and 9 references, 5 of which are Soviet.

ASSOCIATION:

Institut mefti Akademii nauk SSSR (Petroleum Institute

of the Academy of Sciences USSR)

PRESENTED:

June 11, 1958, by A.V. Topchiyev, Academician

SUBMITTED:

June 3, 1958

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Card 3/3

SHIMMALL, REAL

PHASE I BOOK EXPLOITATION

SOV/4606

Akademiya nauk SSSR. Institut nefti

Khimiya nefti (Petroleum Chemistry) Moscow, 1959. 311 p. (Its: Trudy, tom 13) Errata slip inserted. 2,000 copies printed.

Resp. Ed.: G.D. Gal'pern, Doctor of Chemical Sciences; Ed. of Publishing House: L.S. Povarov; Tech. Ed.: V.V. Volkova.

PURPOSE: This book is intended for organic and industrial chemists and specialists in petroleum technology.

COVERAGE: This issue of the Transactions of the Petroleum Institute of the Academy of Sciences USSR contains twenty-five articles which review original laboratory experiments conducted by personnel of the Otdel khimii i tekhnologii nefti (Department of Chemistry and Petroleum Technology). Individual papers deal with studies of the composition and properties of petroleum and petroleum products, methods of their separation and synthesis, and physicochemical characteristics of standard petroleum compounds. The use of gaseous solutions to distinguish heavy raw-petroleum fractions from ozocerites, thermal processes of contact and catalytic refining and synthesizing, and theoretical problems

Card 1/6

Petroleum Chemistry SOV/4606	
in the pre-refining treatment of petroleum are also discussed. References accompany each article.	
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Card 2/6	

5.3300

5 (3)

Shimanko, N. A., Pokrovskaya, Ye. S.

68165 SOV/20-129-6-32/69

TITLE:

On Some Polyalkylbenzenes and Polyalkylcyclopentylbenzenes

PERIODICAL:

Doklady Akademii nauk SSSR, 1959, Vol 129, Nr 6, pp 1313 - 1316

(USSR)

ABSTRACT:

Polyalkylbenzenes (heptylxylenes) were synthesized by alkylation of the 3 isomeric xylenes with heptene under the effect of concentrated H₂SO₄ (Refs 1,2). The position of the side chains of

the hydrocarbons mentioned in the title was determined according to the spectra in the ultraviolet range. In the above mentioned condensation, the ratio xylene: heptene: sulfuric acid was 3:1:1. The monoalkylate yield was 50-70% with regard to heptene. No higher substitution products were formed. The hydrocarbon C₁₅H₂₄ with a boiling point 97-980/4 mm and a molecular

weight of 203, 202 was separated in the condensation of o-xylene with heptene. Its properties as well as those of all compounds prepared in this connection are shown in table 1. A corresponding dimethylheptylbenzene was formed from m-xylene and heptene. Together with heptene, p-xylene yielded a hydrocarbon boiling

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68165

On Some Polyalkylbenzenes and Polyalkylcyclopentylbenzenes SOV/20-129-6-32/69

at 104°/6 mm with a molecular weight of 204, 205. The position of the substituents in the substances prepared was determined on the basis of their absorption spectra in the close ultraviolet range. The spectra of heptyl-c-xylene (A, Fig 1: 1), heptyl-mxylene (B, Fig 1 : 5), and heptyl-p-xylene (V, Fig 1 : 5) are typical of compounds of the pseudocument type (Fig 2 : 1) because of their course. These structural types of the compounds A, B, and V are proved by the similarity of their absorption spectra with those of the following hydrocarbors: isooctyl-oxylene (Fig 1 : 2, Ref 5), cyclohexyl-m-xylene (Fig 1 : 4), and syclohexyl-p xylane (Fig 1 : 6, Ref 3). The practically complete accordance of the frequency characteristics indicates that the heptyl group is branched in all 5 cases and connected with the tenzene ring by a secondary carbon area. Thus, it may be taken for granted that the substances synthesized are: 1,2-dimethy1-4isohoptylbenzene, 1,3-dimethyl-4-isohoptylbenzenc, and 1,4-dimethyl-2-isoheptylbenzene. It had been proved previously that, in the reaction of a trisubstituted benzene with side chains in 1,2,4-position with cyclopentene (under the effect of aluminum chloride), a benzene substituted in the position 1,2,4,5 is formed as a main product. No isomerization took place. This

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On Some Polyalkylbenzenes and Polyalkylcyclopentylbenzenes SOV/20-129-6-32/69

assumption was checked by the authors by means of heptyl-p-xylene and cyclopentene. The condensation of 89 g of heptyl-p-xylene with 22.5 g of cyclopentene yielded 1.4 dimethyl-2-heptyl-5cyclopentylbenzene without isomerization. Its absorption spectrum
(Fig 3: 1) resembles the spectrum of durane (Fig 2: a) and of
cyclopentylpseudocumene (Fig 5: 2 Ref 3) as regards exterior
and intensity. An analogous reaction was carried out between
tert.butyl-o-xylene and cyclopentene. Figure 4: 1 shows the
absorption spectrum of the substance formed: 1 2-dimethyl-4tert.butyl-6-cyclopentylbenzene. There are 4 figures: 2 tables,
and 8 references, 6 of which are Soviet.

PRESENTED:

June 18, 1959, by A. V. Topchiyev, Academician

SUBMITTED:

May 27, 1959

ELIMINE EL PROPERTO DE COMPANSA DE COMPANS

Card 3/3

GALIPERN, G.D.; KUSAKOV, M.M.; SHIMANKO, N.A.

Study of the absroption spectra of some bensene derivatives in the near ultraviolet. Trudy Inst.nefti 13 159. (MIRA 13:12)

(Bensene-Spectra)

TERENT'YEVA, Yo.M.; SANIN, P.I.; STEPANTSEVA, T.G.; KUSAKOV, M.M.; SHIMANKO, N.A.; SIDORENKO, V.I.

Synthesis and investigation of the ultraviolet absorption spectra of hydrocarbons of the 1,1-diphenylethane series. Neftekhimiia 1 no.2:141-148 Mr-Ap 161. (MIRA 15:2)

1. Institut neftekhimicheskogo sinteza AN SSSR. (Hydrocarbons-Spectra)

5/048/62/026/010/005/013 B117/B186

Kusakov, M. M., Shimanko, N. A., Shishkina, M. V., Zimina, K. I., and Siryuk, A. G. AUTHORS:

Ultraviolet absorption spectra of aromatics

Akademiya nauk SSSR. Izvestiya. Seriya fizicheskaya, TITLE:

v. 26, no. 10, 1962, 1249-1252 PERIODICAL:

TEXT: This paper deals with the rules governing the effect of saturated substituting groups on the absorption spectra of a number of mono- and bicyclic aromatics. It has been found that, according to the number and position of substitutes, the absorption spectrum of alkyl benzenes is position of substitutes, the absorption spectrum of arkyl benzenes as shifted towards the long-wave region, and the absorption intensity maxima and the towards the tong-wave region, and the constitution inventor of manufacture are intensified. In the case of cycloalkyl benzenes (naphthene-aromatic nydrocarbons) with a similar spectrum this shift is related to the subnyarocarbons, with a similar spectrum this shift is related to the sub-stitution of cyclopentyl groups for the alkyl groups. The structure of indanes (hydrindenes), which show absorption spectra and which absorb and anes (nydrindenes), which show absorption spectra and which absorb

2-3 times more strongly than benzene, can be determined by comparing their

spectra with those of corresponding alkyl-substituted benzenes and simple

spectra with those of corresponding alkyl-substituted benzenes and simple

spectra with those of corresponding alkyl-substituted benzenes and simple homologs of indane. Card 1/2

Ultraviolet absorption spectra...

S/048/62/026/010/005/013 B117/B186

(tetralines) follow the same laws as alkyl benzenes, cycloalkyl benzenes, and indanes. Diphenyls and benzenes have different spectra. Most m- and p-substituted diphenyl homologs are characterized by strong absorption and by the absence of a fine structure in the bands. The spectra of orthosubstituted diphenyl are subject to considerable changes. Diphenyl alkanes and alkyl diphenyl alkanes: The absorption, spectra of several diphenyl methanes are similar to those of benzene. The spectra of aromatics with condensed rings show a specific character. Naphthalene has an absorption spectrum covering the range 2100-3300 X and is characteristic of all naphthalene homologs. As the absorption spectra characteristic of polycyclic aromatics are hardly affected by substituting groups these are suitable for analytical purposes. An atlas (M. M. Kusakov, N. A. Shimanko, M. V. Shishkina, Ul'travioletovyye spektry pogloshcheniya aromaticheskikh uglevodorodov (Ultraviolet absorption spectra of aromatics), Izd. AN SSSR, M., 1962) was compiled for the practical application of ultraviolet spectroscopy. The ultraviolet spectra of mono- and bicyclic aromatics, graphically represented on the same scale and in terms of $t = f(\lambda)$ or $\log \epsilon = f(\lambda)$, were partly recorded by the present authors and partly taken from publications (American Petroleum Institute Research Project 44, Ultraviolet Spectra Data, 1958). Card 2/2

SHIMANKO, N.A.; POKROVSKAYA, Ye.S.; SIDORENKC, V.I.

Synthesis and ultraviolet absorption spectra of decylxylenes, decylmesitylene, and cyclopentyldecyl-p-xylene. Neftekhimia 1 no.3:297-304 My-Je '61. (MIRA 16:11)

1. Institut neftekhimicheskogo sinteza AN SSSR.

SHIMANKO, N.A.; PETROV, Al.A.

Ultraviolet absorption spectra of some C₃₂ phenyl-, naphthylend dinaphthylalkanes. Neftekhimia 1 no.3:305-308 My-Je '61. (MIRA 16:11)

1. Institut mertekhimicheskogo sintezs AN SSSR.

S/048/62/026/010/006/013 B117/B186

AUTHORS: Shimanko, N. A., Shishkina, M. V., Kusakov, M. M., and

Sidorenko, V. I.

TITLE: Absorption spectra of diphenyl alkane series of hydrocerbons iin

the near ultraviolet

PERIODICAL: Akademiya nauk SSSR. Izvestiya. Seriya fizicheskaya,

v. 26, no. 10, 1962, 1252-1256.

TEXT: Absorption spectra of isooctane solutions of several polycyclic aromatic and naphthene-aromatic hydrocarbons, c_{14} - c_{32} , with isolated

benzene rings, were examined at room temperature using an "Uvispek" spectrophotometer, the compounds being as synthesized by Ye. M. Terent'yeva et al. (Neftekhimiya, 1, no. 2, 141 (1961)), M. G. Rudenko and Al. A. Petrov (Zh. prikl. khimii. 34, 613 (1961)). All the spectra except that of 1,1-diphenyl ethane were obtained for the first time (Pigs. 1-4). It is shown that the spectra of hydrocarbons belonging to the 1,1-diphenyl ethane series can be well simulated by adding the absorption spectrum of monosubstituted benzene to that of the corresponding polysubstituted benzene.

Card 1/6 2

Absorption spectra of diphenyl ...

S/048/62/026/010/006/013 B117/B186

The total curves so obtained, representing characteristic spectra of complex molecules, indicate the number and position of each absorption minimum and maximum. This method is proposed for the structural analysis of the components of bicyclic hydrocarbons. There are 4 figures.

Figs. 1-4. Absorption spectra in the near ultraviolet.

Legend to Fig. 1: (1) 1,1-diphenyl ethane; (2) 1,2-diphenyl propane;
(a) isopropyl benzene; (3) 1,1-di-(4-isopropyl-phenyl)-hexane; (6) 1-methyl-4-isopropyl benzene.

Legend to Fig. 2: (4) 1,2-di-(paraxylyl)—propane; (a) 1,2,4-trimethyl benzene; (5) 1-phenyl-1-(paratolyl)-ethane; (6) 1-phenyl-1-(paraethyl-phenyl)-ethane; (6) isopropylbenzene + 1-methyl-4-isopropyl benzene.

Legend to Fig. 3: (7) 1-phenyl-1-(2,5-dimethyl-phenyl)-ethane; (8) 1-phenyl-1-(2,4,5-trimethyl-phenyl)-ethane; (9) 1-phenyl-1-(2,4,6-trimethyl-phenyl)-ethane; (a) isopropyl benzene + 1,2,4-trimethyl benzene; (10) 1-(paraxylyl)-2-hexyl-4-phenyl butane.

Card 2/600

S/048/62/026/010/007/013 B117/B186

AUTHORS:

Kusakov, M. M., Pokrovskaya, Ye. S., Shishkina, M. V.,

Shimanko, N. A., and Prokof'yeva, Ye. A.

TITLE:

Structural analysis of monocyclic hydrocarbons on the basis

of absorption spectra

PERIODICAL:

Akademiya nauk SSSR. Izvestiya. Seriya fizicheskaya,

v. 26, no. 10, 1962, 1257-1260

TEXT: Infrared and ultraviolet absorption spectra of newly synthesized benzene derivatives with alkyl substituents $(C_3 - C_{16})$ of different

structures, including derivatives with penta- and hexacyclic rings, were examined. In order to follow and establish the course of the synthesis more precisely an attempt was made to determine the number and position of the substituting groups and to check the known characteristics of benzene derivatives showing different degrees of substitution. The conditions of synthesis and the physicochemical properties of the compounds under examination have already been described (G. D. Gal'pern, M. M. Kusakov, Ye. S. Pokrovskaya, N. A. Shimanko, Tr. In-ta nefti AN SSSR, 12, 38

Card 1/3

The Bulletina 1

S/048/62/026/010/007/013 B117/B186

Structural analysis of monocyclic ...

(1958); Ye. S. Pokrovskaya, M. V. Shishkina, Dokl. AN SSSR, 125, 1269 (1959); Ye. S. Pokrovskaya, Uch. zap. MGU, Khimiya, 71 (1941); Tr. In-ta nefti AN SSSR, 13, 29 (1959); Ye. S. Pokrovskaya, N. A. Shimanko, Dokl. AN SSSR, 123, 109 (1958); N. A. Snimanko, Ye. S. Pokrovskaya, V. I. Sidorenko, Neftekhimiya, 1, no. 3, 297 (1961)). Conclusions: Cyclohexyl benzene, dicyclohexyl benzene, and dicyclopentyl benzene were found to be 1,4-substituted benzenes. Trisubstituted benzenes are substituted in 1,2,4-, 1,2,3,-, and 1,3,5-position, these being: cetyl orthoxylene (1,2,4-); cyclopentyl orthoxylene (1,2,4-, 1,2,3-); decyl metaxylene, cyclohexyl metaxylene (1,2,3-, 1,2,4-, 1,3,5-); paraxylene derivatives (1,2,4-). The weak bands of the 1,2,3- and 1,3,5-substitutions, as observed in a few spectra of paraxylene derivatives, can be ascribed to the migration of one of the methyl groups. Tetrasubstituted benzenes (paraxylene and mesitylene derivatives) are sbustituted not only in 1, 2, 4, 5-position but also in 1, 2, 3, 4- and 1, 2, 3, 5-position, which also indicates the migration of one of the methyl groups. The 1,2,3,4- and 1, 2, 3, 5-isomers could not be differentiated in the ultraviolet spectra. Pentasubstituted benzene and pentamethyl benzene have similar spectra which display bands characteristic of aplanar deformation vibrations of the C-H bond. There are 3 figures. Card 2/3

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001549510006-0

Structural analysis of monocyclic ...

S/048/62/026/010/007/013 B117/B186

ASSOCIATION:

Institut neftekhimicheskogo sinteza Akademii nauk SSSR (Institute of Petrochemical Synthesis of the Academy of Sciences USSR)

Card 3/3

KUSAKOV, Mikhail Mikhaylovich; SHIMANKO, Nina Aleksandrovna; SHISHKINA, Margarita Vladimirovna; BAZHULIN, P.A., doktor fiziko-matem. nauk, otv. red.; LOSKUTOVA, I.P., red.; POLYAKOVA, T.V., tekhn. red.

[Ultraviolet absorption spectra of aromatic hydrocarbons]Ul'trafioletovye spektry pogloshcheniia aromaticheskikh uglevodorodov.
Moskva, Izd-vo Akad. nauk SSSR, 1963. 269 p. (MIRA 16:2)
(Hydrocarbons--Absorption spectra)

POKROVSKAYA, Ye.S.; SHIMANKO, N.A.

Hexadecylxylenes and hexadecylmesitylene. Neftekhimiia 2 no.5: 657-661 S-0 '62. (MIRA 16:1)

1. Institut neftekhimicheskogo sinteza AN SSSR. (Iylene) (Mesitylene)

KUSAKOV, M.M.; SHIMANKO, N.A.; SHISHKINA, M.V.; ZIMINA, K.I.; SIRYUK, A.G.

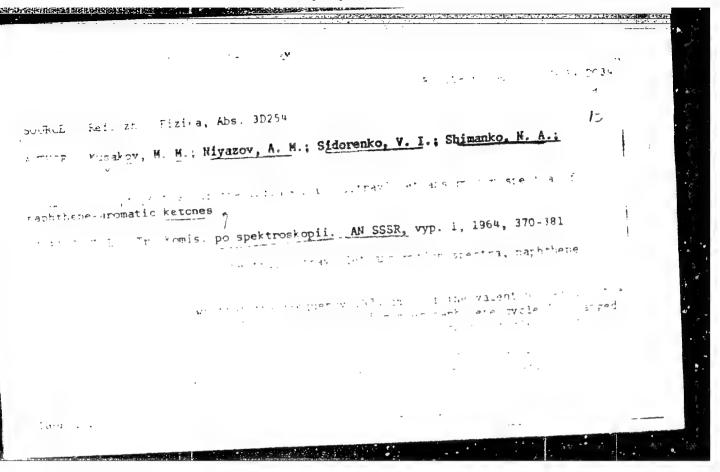
Ultraviolet absorption spectra of aromatic hydrocarbons. Izv. AN SSSR.
Sér.fiz. 26 no.10:1249-1252 0 42. (MIRA 15:10)

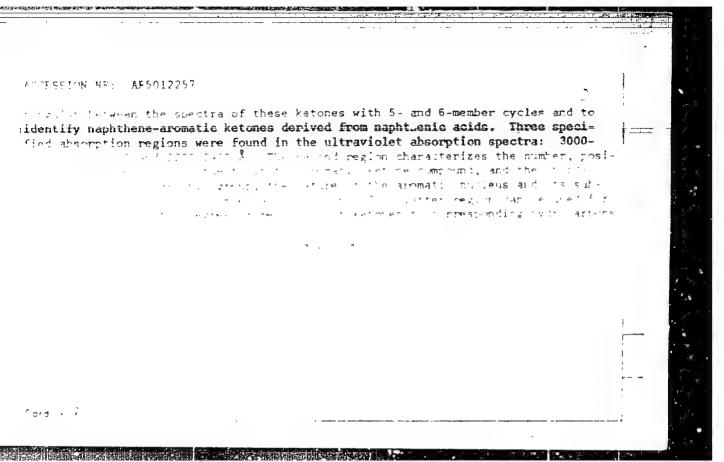
(Hydrocarbons—Spectra)

KUSAKOV, M.M.; PCKROVSKAYA, Ye.S.; SHISHKINA, M.V.; SHIMANKO, N.A.; PROKOF'YEVA, Ye.A.

Study of the structure of monocyclic hydrocarbons based on absorption spectra. Izv. AN SSSR.Ser.fiz. 26 no.10:1257-1260 0 '62. (MIRA 15:10)

1. Institut neftkhimicheskogo sinteza AN SSSR. (Hydrocarbons—Spectra)





RASOV, K.I., inshener; SHIMANOV, I.I.

Training workers in safety techniques.

no.7:8-9 J1 '57.

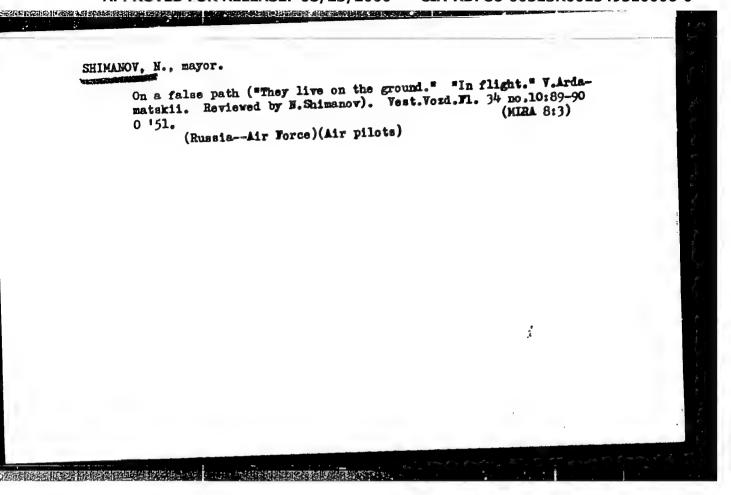
(Mining engineering—Safety measures)

(Mining engineering—Safety measures)

SHIMANOV, K.I., inzh.; VODAKHOV, L.A., inzh.

Prevent exogenous fires in mines. Bezop. truda v prom. 5 no. 5:13-15 My 161. (MIRA 14:5)

1. Upravleniye Sverdlovskogo okruga Gosgortekhnadzora RSFSR. (Mine fires)



CIA-RDP86-00513R001549510006-0 "APPROVED FOR RELEASE: 08/23/2000

SHIMMICV. M.

AID - P-121

Subject

USSR/Aeronautics

Card

1/1

Author

Shimanov, N., Lt. Col.

Title

The Great Victory of the Soviet People

Periodical

: Air Force Herald, 4, 8 - 13, Ap 1954

Abstract

This is a short narration of the turning point of the Soviet war with Hitlerite Germany, and of the victory which, according to the author, was won by the USSR in spite of the non-cooperation of the Western Allies.

The article is full of slogans and propaganda.

Institution:

None

Submitted

No date

CIA-RDP86-00513R001549510006-0" APPROVED FOR RELEASE: 08/23/2000

SHIMANOV, 14.

AID P - 751

Subject

: USSR/Miscellaneous

Card 1/1

Pub. 135 - 18/21

Author

: Shimanov, N., Lt. Col.

Title.

: "Atomic Sociology" -- Ideology of Aggression and War

Periodical

: Vest. vozd. flota, 10, 85-88, 0 1954

Abstract

This is a review of the book by Yepiskoposov, G. L.: "Atomnaya sotsiologiya - Idealogicheskoye oruzhiye

Amerikanskogo imperializma" (Atomic Sociology - Ideological Weapon of the American Imperialism), Gospolitizdat, 1953, 110 pages in which the author strongly attacks the

USA for her alleged atom bomb policy.

Institution: None

Submitted : No date

SHIMANOV, N.

V.I.Lenin and the Soviet armed forces. Voen.znan. 37 no.4:3-5
(MIRA 14:4)

(Russia--Armed forces) (Lenin, Vladimir II'ich, 1870-1924)

SHIMANOV, N., general-polkovník aviatsii zapasu

Over Minsk, Bobroysk, Borisov. Kryl. rod. 15 no.7:10-11 Jl '64.

(MIRA 18:1)

GOLOVANOV, N., zasłużnemnyy master storta; IVANOV, I., kas.tan; MOLIETEV, V.;
DOBKO, V.; SHIMANOV, N., general-polkovnik aviutsi: zupasu

Facts, events, people. Kryl. rod. 15 no.11:26-27 N 164.

(MIRA 18:3)

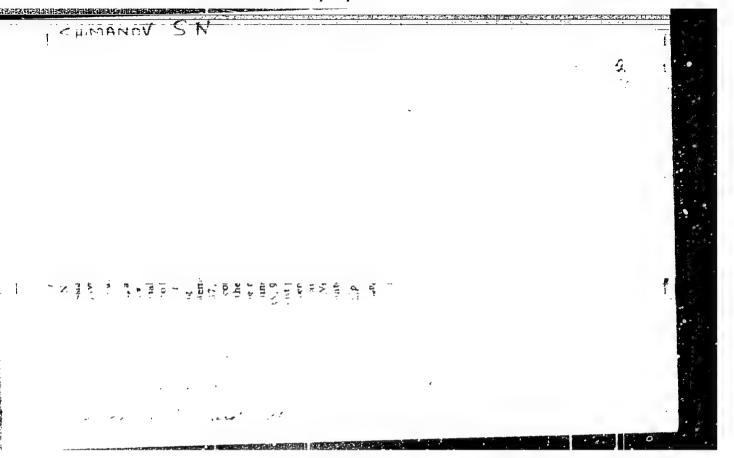
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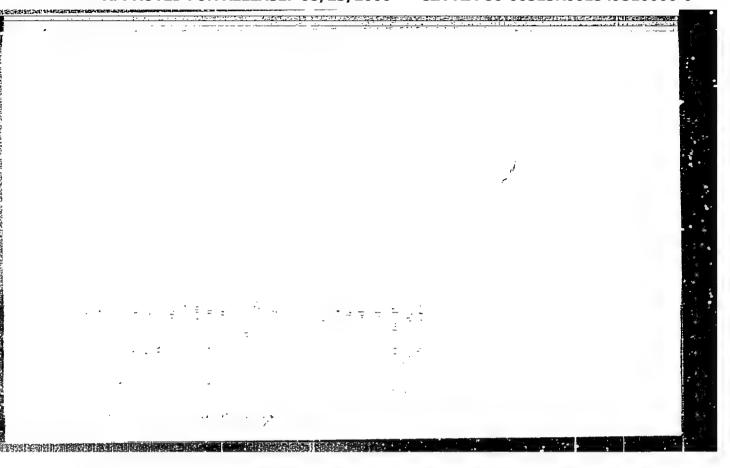
common the U.B. The solution is Estay of the Incornation of the Langs of Doubstic Links, Its Double as a Doming Categories, and the Role of the Marvous System in U.B. Paters and D.B. Categories and I.B. Cat

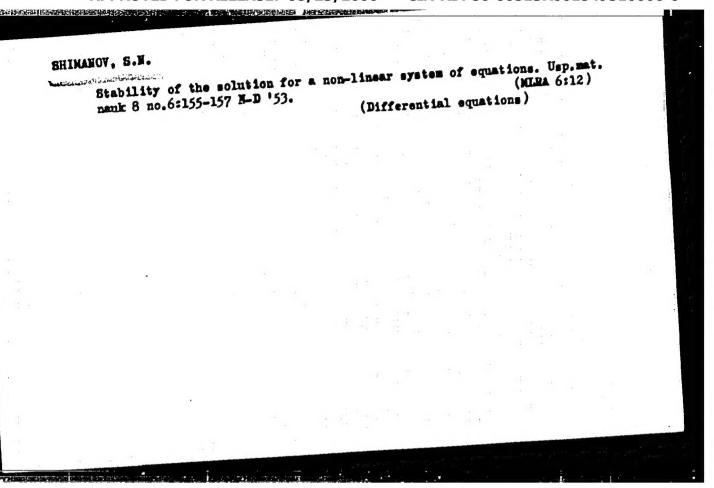
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SHIMANOV, P., inzh.

Educational films. Grazhd.av. 17 no.7:8 Jl '60. (MIRA 13:8) (Motion pictures in aeronautics)







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Mathematical Revol. 14 Me. 11 Dec. 1953	ır	equation Mat. Me Given d e constar	of the t h. 17, 36 le equati its, the ;	hird order 19-372 (19) ion x l-f(x withor nec	. 4Akad. N; 53) (Russi , x)x+bx+c wes the the	x=0, where b , c	
Analysis	.]t	v, v)>c/i	$v_i, v_i / < 0$) for all x	, y, then the ent system	origin is asymp-	
			$\dot{r} = y, \dot{y}$	· 5, \$6-	-f(x, y)z - by	r -ry.	9
				S. L	efschetz (Pri	nceton, N. J.).	•
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USSA/Kathematics - Oscillations of quasilinear systems FD-649

Card 1/1 : Pub. 85-4/20

Author Shimanov, S. N. (sverdlovsk)

Title Theory of oscillations of quasilinear systems

: Prikl. mat. i mekh., 18, 155-162, Mar/Apr 1954 Periodical

: Considers the periodic oscillations of a nonautomatic quasilinear Abstract

system for the case of nonanalytic characteristic of monlinearity.

Three references, all to I. G. Malkin (1949-1950).

Institution

Submitted

: December 27, 1953

M. C VINATIMIHE

SUBJECT USSR/N

USSR/MATHEMATICS/Differential equations CARD 1/1

PG - 29

AUTHOR

SIMANOV S.N.

TITLE On a method

On a method for obtaining existence conditions for a periodic

solution of non-linear systems.

PERIODICAL

Priklad. Mat. Hech. 19, 225-228 (1955).

reviewed 5/1956

In the system

the vector f is assumed to be analytic with respect to z and M, and continuous and mod 2 π periodic with respect to t. Furthermore let be $f(t,Q) \equiv 0$. According to Poincaré (1) has periodic solutions if the constant matrix A has no "critical" eigenvalues \pm in (N=0,1,2,...). The author assumes that A in (1) has k different critical eigenvalues with the multiplicities m (j=1,...,k). A necessary and sufficient condition is

derived under which (1) possesses a periodic solution tending to $z \equiv 0$ for $M \longrightarrow 0$. For this k equations must be satisfied between M and k parameters which are to be conveniently introduced. The paper contains some misprints.

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